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Amendment

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Amendments to the Specification

Please amend the paragraph beginning at page 6, line 19, to read as follows:

Preparing the utilizing device for a regional market 103 will typically involve repackaging the device with region-specific packaging and user information, such as manuals written in the local language (alternatively, where regionalization is used for language localization, a CD-ROM may be included having drivers and manuals in many languages, with the initial regionalization of the device automatically selecting the appropriate language). A printer, for example, may be boxed as at 110a, with a consumable 120c included in the box. Under the present invention, the consumable included in the package with the utilizing device is preferably a regionalized consumable, as indicated at 120b and 120c, which has been "keyed" to the local region. Alternatively, in some types of devices it may be desirable to actually install a consumable into the device.

Please amend the paragraph beginning at page 8, line 20, to read as follows:

To protect the consumer from having a permanently disabled or degraded device, the preferred implementation of the invention anticipates a recovery path, as indicated by the dashed line in Fig. 2(b). This path may involve the consumer contacting the manufacturer of distributor to obtain a key to override and reset the regionalization setting 232 of his device, using cryptography techniques well-known in the art. The device may then return to the the initial device regionalization state 234 of Fig. 2(a) 236.

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Please amend the paragraph beginning at page 9, line 17, to read as follows:

In one preferred embodiment, the printing system 10 is an ink jet printing system. For the ink jet printing system 10 shown in Fig. 3, the consumable 14 is an ink reservoir that is in fluid communication with an ink jet printhead. Each of the replaceable printing components 14 or ink reservoirs are installed in a scanning carriage 18 that is moved relative to print media. The ink jet printer portion 12 includes a media tray for supplying print media 20 and a media tray for receiving print media 22. As media step through a print zone, the scanning carriage moves the replaceable printing components 14 and printheads relative to the print media 22. The printer portion 12 selectively activates the printhead portion associated with the replaceable printing components 14 to deposit ink on print media to thereby accomplish printing.

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Amendment

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Please amend the paragraph beginning at page 11, line 11, to read as follows:

Fig. 6 shows the linking device 16 partially positioned on the consumable 14. The linking device 16 is attached to the ink reservoir 24 with application of the label 46 to the ink reservoir 24. The sensors 42 for detecting the remaining ink supply fold down on either side of the consumable housing 24. Electrical contacts 50 provide interconnection between the sensors and the electronic components 44. On a side of the label opposite the sensor 42, product identification information can be printed. Also indicated for reference in Fig. 6 is the consumable ink fluid outlet 28. Fig. 7 is a simplified block diagram of the printing system 10 of the present invention shown connected to an information source or host device 56. The information source 56 provides information 36 such as image descriptions to the printing system 10 for printing on print media. The information source 56 includes a control device 58, an input device 60, and a display device 62. The control device 58 is a microprocessor, a microprogram device, or a hardware implemented device. The control device 58 is connected to a display device 62 such as a monitor and receives input from the input device 60 such as a keyboard. The information source 56 can be any source of information that is acceptable to the printing system 10 such as a personal computer, work station, web appliance, digital camera or server, to name a few.